

JFW

S/N 10/616,478

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: James Ridout, et al. Examiner: Unknown  
Serial No.: 10/616,478 Group Art Unit: 1775  
Filed: July 08, 2003 Docket: 41770-0203  
Title: Reflective or semi-reflective metal alloy coatings

**FIFTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

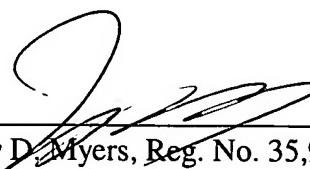
In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicant respectfully requests that this Fifth Supplemental Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Fifth Supplemental Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 13-4213 in order to have this Fifth Supplemental Information Disclosure Statement considered.

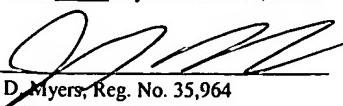
The Examiner is invited to contact the Applicant's Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

Date November 20, 2004

By   
Jeffrey D. Myers, Reg. No. 35,964

**CERTIFICATE UNDER 37 CFR 1.8:** The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 24 day of November, 2004.

  
Jeffrey D. Myers, Reg. No. 35,964

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

NOV 29 2004

RECEIVED  
TRANSMISSION CENTER  
USPTO

Sheet 1 of 2

Complete if Known

<b>Application Number</b>	10/616,478
<b>Filing Date</b>	July 8, 2003
<b>First Named Inventor</b>	James W. Ridout
<b>Group Art Unit</b>	1775
<b>Examiner Name</b>	Unknown

Attorney Docket No: 41770-0203

**US PATENT DOCUMENTS**

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	US-20030215598	11/20/2003	Nee, Han H.	
	US-20040018334	01/29/2004	Nee, Han H.	
	US-20040151866	08/05/2004	Nee, Han H.	
	US-20040151867	08/05/2004	Nee, Han H.	
	US-4,743,526	05/10/1988	Ando, Hisaahi , et al.	
	US-5,302,493	04/12/1994	Strandjord, Andrew , et al.	
	US-5,325,351	06/28/1994	Uchiyama, Kenji , et al.	
	US-5,948,497	09/07/1999	Hatwar, Tukaram K., et al.	
	US-6,764,735	07/20/2004	Nee, Han H.	
	US-6,790,503	09/14/2004	Nee, Han H.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
	JP-04176039	06/23/1992	Toshio, Kudo		
	JP-05-12710	01/22/1993	Atsushi, Yusa		
	JP-10011799	01/16/1998	Masatoshi, Yanagimachi		
	JP-2000-057627	02/25/2000	Hideki, Umehara , et al.		
	JP-2002-235130	08/23/2002	Juichi, Shimizu		
	JP-5-73975				
	WO-WO04053861	06/24/2004	Keduka, Hiroyuki , et al.		

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		BABA, K. , "Compact-Disc Compatible Wideband Write-Once Optical Disc Memories Using Multilayered Ultra-Thin Silver Films", <u>Electronics Letters Online No. 19970680</u> , (05/01/1997),	
		BABA, K. , "Silver-Gold Compound Metal Island Films for Durable Write-Once Optical Disk Memories", <u>Electronics Letters Online No. 19990261</u> , (02/17/1999),497-498	
		BABA, KAZUTAKA , "Write-Once Optical Data Storage Media with Large Reflectance Change with Metal-Island Films", <u>Applied Optics</u> , Vol. 36, No. 11,	

**EXAMINER**

**DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

Substitute for form 1449A/PTO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>		<b>Application Number</b>	10/616,478
		<b>Filing Date</b>	July 8, 2003
		<b>First Named Inventor</b>	James W. Ridout
		<b>Group Art Unit</b>	1775
		<b>Examiner Name</b>	Unknown
Sheet 2 of 2		Attorney Docket No: 41770-0203	

### OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		(04/10/1997),2421-2426	
		GREEN, E. L., "Optical Properties of the Alpha-Phase Alloys Ag-Zn and Ag-Cd", Physical Review, Vol. 2, No. 2, (07/15/1976),330-340	
		HAYASHI, K. , "Durable Write-Once Optical Disk Memories for 800nm Using Silver Island Films", Electronics Letters Online No. 19951019, (07/04/1995),	
		KOBAYASHI, MASANOBU , "High-Corrosion-Resistant Magneto-Optical Recording Disk", OKI Technical Review 131, Vol. 55, (09/1988),33-38	
		MARKVOORT, J. A., "Aging Properties of Optical Non-Erasable Disks", The International Society for Optical Engineering, (06/06/2003),134-140	
		NIIHARA, TOSHIRO , "High Corrosion-Resistant Magneto-Optical Film on a New Plastic Substrate", JEEE Transactions on Magnetics, Vol 24, No. 6, (11/1988),2437-2442	
		NISHIMORI, K. , "Preparation of Magnetron-Sputtered Ag-Zn Alloy Films for an Erasable Optical-Disk", Applied Surface Science 33/34, (1988),1216-1221	

EXAMINER

DATE CONSIDERED